

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	79	IC card with voltage and electromagnetic (wave or force) and ("340" or "235").clas. and @ad< "20041108"	US-PGPUB; USPAT	ADJ	ON	2009/06/30 16:52
S1	4	((("6695207") or ("6111506") or ("5737439") or ("20030173408"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/04 12:00
S2	3	("2001054074").PN.	DERWENT	OR	OFF	2009/06/04 13:02
S3	28	((("1452945") or ("2004021884") or ("2001291103") or ("2000215294") or ("2000040156") or ("2000000108") or ("2001126067") or ("1248284") or ("2003288561") or ("10149446") or ("9960500"))).PN.	DERWENT	OR	OFF	2009/06/04 14:49
S4	502	blood vessel pattern	US-PGPUB; USPAT	ADJ	ON	2009/06/05 11:53
S5	239	S4 and @ad< "20040811"	US-PGPUB; USPAT	ADJ	ON	2009/06/05 15:05
S6	502	blood vessel pattern	US-PGPUB; USPAT	ADJ	ON	2009/06/08 15:52
S7	251	S6 and @ad< "20041108"	US-PGPUB; USPAT	ADJ	ON	2009/06/08 15:52
S8	129	blood vessel pattern and @ad< "20041108" and authentication	US-PGPUB; USPAT	ADJ	ON	2009/06/08 16:04
S9	4	("2000000108").PN.	DERWENT	OR	OFF	2009/06/08 16:25
S10	3	("2000040156").PN.	DERWENT	OR	OFF	2009/06/08 16:27
S11	7	("1248284").PN.	DERWENT	OR	OFF	2009/06/08 16:27
S12	1	("2000215294").PN.	DERWENT	OR	OFF	2009/06/08 16:29
S13	3	((("20030173408") or ("6695207") or ("6111506"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/08 16:31
S14	1	("5737439").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/08 16:34
S15	7	((("1452945") or ("2004021884"))).PN.	DERWENT	OR	OFF	2009/06/08 16:35
S16	4	((("20030173408") or ("6695207") or ("6111506") or ("5737439"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/08 16:36
S17	6	((("8804153") or ("0691822"))).PN.	DERWENT	OR	OFF	2009/06/10 08:32
S18	16	biological identification device	US-PGPUB; USPAT	ADJ	ON	2009/06/10 12:53
S19	177	biological identification	US-PGPUB; USPAT	ADJ	ON	2009/06/10 12:55
S20	11	("20030103658"   "20050169505"   "5799098"   "5822453"   "5832102"   "5892838"   "5978495"   "6289112"   "6487306"   "6597802"   "6901155").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/10 13:07

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S21	5	("3581282"   "4811408"   "4993068"   "4995086"   "5412727").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/10 13:13
S22	15	("3761683"   "4373134"   "4683371"   "4745268"   "4772782"   "4811408"   "4879747"   "4961229"   "4993068"   "4995081"   "5053608"   "5070452"   "5241165"   "5259025"   "5278753").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/10 13:19
S23	127	("4995086").URPN.	USPAT	ADJ	ON	2009/06/10 13:24
S24	7	((("2156127") or ("4699149"))).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/06/10 14:22
S25	20	((("3639905") or ("4032889") or ("4301808") or ("4393366") or ("4473081") or ("4489731") or ("4545387") or ("4565968"))).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/06/10 14:25
S26	1	("5793881").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 14:32
S27	14	("3639905"   "4537484"   "4544267"   "4699149"   "4720869"   "4728186"   "4784484"   "5073950"   "5077803"   "5088817"   "5103486"   "5230025"   "5335288"   "5386104").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/10 15:55
S30	45	blood vessel pattern and @ad<"20041108" and RFID	US-PGPUB; USPAT	ADJ	ON	2009/06/10 16:00
S32	95	blood vessel pattern and @ad<"20041108" and LED	US-PGPUB; USPAT	ADJ	ON	2009/06/10 16:14
S33	32474	aluminat\$5	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:05
S34	3684	aluminat\$5 and communicat\$5	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:05
S35	7	aluminat\$5 and communicat\$5 and handheld device	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:06
S36	109186	two\$1way or bidirectional communicat\$5	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:07
S37	98238	two\$1way or bidirectional authenticat\$5	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:08
S38	98186	two\$1way or bidirectional authenticat\$5 and "340".clas.	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:08
S39	98178	two\$1way or bidirectional biometric authenticat\$5 and "340".clas.	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:08
S40	66743	(two\$1way or bidirectional biometric authenticat\$5 and "340".clas. with blood vessel pattern)and @ad<"20040811"	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:10
S41	4062	(two\$1way or bidirectional biometric authenticat\$5 with blood vessel pattern) and "340".clas. and @ad<"20040811"	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:12

## EAST Search History

S44	5	("2000000108").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2009/06/11 11:22
S45	29	transponder with checksum	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:27
S46	17	transponder with checksum and @ad<"20040706"	US-PGPUB; USPAT	ADJ	ON	2009/06/11 11:29
S47	251	(communicator or reader) with checksum	US-PGPUB; USPAT	ADJ	ON	2009/06/11 14:09
S48	41	(communicator or reader) with checksum and transponder	US-PGPUB; USPAT	ADJ	ON	2009/06/11 14:09
S49	27824	two way communication	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:07
S50	24611	two-way communication	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:07
S51	3	two-way communication and blood vessel pattern	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:08
S52	2	((("5128669") or ("5506584")).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 08:16
S53	2732	two\$1way communication and "340".clas.	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:23
S54	20	two\$1way communication and "340".clas. and (blood vessel pattern or biometric data)	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:23
S55	3	two\$1way communication and "340".clas. and (blood vessel pattern or biometric data) with security	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:32
S56	12	(two\$1way communication or bi\$1directional) and "340".clas. and (blood vessel pattern or biometric data) with security	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:33
S57	11	((two\$1way communication or bi\$1directional) and "340".clas. and (blood vessel pattern or biometric data) with security) and @ad<"20060630"	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:34
S58	5	((two\$1way or bi\$1directional) (communication or authentication) and "340".clas. and (blood vessel pattern or biometric data) with security) and @ad<"20060630"	US-PGPUB; USPAT	ADJ	ON	2009/06/16 08:53
S61	11	two\$1way communication and "340/5.52". cls.	US-PGPUB; USPAT	ADJ	ON	2009/06/16 09:23
S64	1	("20080191839").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 09:26
S65	33	(two\$1way or bidirectional) authentication and (RFID or 340/5.52.cls)	US-PGPUB; USPAT	ADJ	ON	2009/06/16 09:47

## EAST Search History

S66	24	(two\$1way or bidirectional) authentication and (RFID or 340/5.52.ccls) and @ad<"20060630"	US-PGPUB; USPAT	ADJ	ON	2009/06/16 09:52
S77	2	(luminance or flicker) pattern and RFID and @ad<"20060630"	US-PGPUB; USPAT	ADJ	ON	2009/06/16 11:54
S78	20	("5172113"   "5181062"   "5214268"   "5321245"   "5343267"   "5380994"   "5381207"   "5422473"   "5568406"   "5760383"   "5802015"   "5870215"   "6058374"   "6087932"   "6089453"   "6152588"   "6298331"   "6693539"   "6927692"   "RE37290").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/16 11:57
S79	1	("5940006").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 16:41
S80	2	((("20040037121") or ("5940006"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 16:44
S81	24	(two\$1way or bidirectional) authentication and (RFID or 340/5.52.ccls) and @ad<"20060630"	US-PGPUB; USPAT	ADJ	ON	2009/06/16 17:08
S82	11	S81 and @ad<"20041108"	US-PGPUB; USPAT	ADJ	ON	2009/06/16 17:08
S83	61	(two\$1way or bidirectional) authentication and (RFID or IC Card) and @ad<"20060630"	US-PGPUB; USPAT	ADJ	ON	2009/06/16 17:09
S84	2	((("4189712") or ("4993068"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/16 19:28
S86	1260	382/115.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/06/17 09:23
S87	13	382/115.ccls. and optical (communication or authentication)	US-PGPUB; USPAT	ADJ	ON	2009/06/17 09:23
S88	10	382/124.ccls. and optical (communication or authentication)	US-PGPUB; USPAT	ADJ	ON	2009/06/17 09:32
S89	501	optical (communication or authentication) and biometric	US-PGPUB; USPAT	ADJ	ON	2009/06/17 09:37
S90	177	optical (communication or authentication) and biometric and RFID	US-PGPUB; USPAT	ADJ	ON	2009/06/17 09:38
S91	28	optical (communication or authentication) and biometric and RFID and @ad<"20040630"	US-PGPUB; USPAT	ADJ	ON	2009/06/17 09:38
S92	30	(light or optical)(communication or authentication) and biometric and RFID and @ad<"20040630"	US-PGPUB; USPAT	ADJ	ON	2009/06/17 11:44
S93	0	(light or LED)(communication or authentication) and biometric and RFID and (reject or filter) noise and @ad<"20040630"	US-PGPUB; USPAT	ADJ	ON	2009/06/17 11:47

## EAST Search History

S94	2	(light or LED)(communication or authentication) and biometric and RFID and @ad<"20040630"	US-PGPUB; USPAT	ADJ	ON	2009/06/17 11:48
S95	2468	(light or LED)(communication or authentication)	US-PGPUB; USPAT	ADJ	ON	2009/06/17 11:48
S96	1680	(light or LED)(communication or authentication) and @ad<"20040630"	US-PGPUB; USPAT	ADJ	ON	2009/06/17 11:49
S97	12	(light or LED)(communication or authentication) and @ad<"20040630" and RFID	US-PGPUB; USPAT	ADJ	ON	2009/06/17 11:49
S99	150	optical ( key or communication or authentication) and @ad<"20040630" and RFID	US-PGPUB; USPAT	ADJ	ON	2009/06/17 13:33
S10 4	1	("20080303667").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/17 16:33
S10 5	1	("5229764").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/18 14:28
S10 6	2	((("20040048014") or ("6813010")).PN.	US-PGPUB; USPAT	OR	OFF	2009/06/18 15:38
S10 7	6156	ring and electromagnetic force	US-PGPUB; USPAT	ADJ	ON	2009/06/29 10:23
S10 8	18	S107 and biometric	US-PGPUB; USPAT	ADJ	ON	2009/06/29 10:25